

AUBURN FIRE DEPARTMENT



FIRE PROTECTION & BUILDING STANDARDS

Commercial
&
Multi Family Residential
2010

CHAPTER 100. FIRE PREVENTION

Sec. 100.50. Adoption of the Fire Code.

There is hereby adopted by the Council, for the purpose of prescribing regulations governing conditions hazardous to life and property from fire or explosion, that certain Code known as the California Fire Code, including Appendix Chapters 4,, B, BB, C, CC, D, thereto and the California Fire Code standards published by the International Code Council, being particularly the 2010 Edition thereof and the whole thereof, save and except such portions as are hereinafter deleted, modified or amended as set forth in this article, of which Code not less than one (1) copy have been and are now filed in the office of the City Clerk, and said Code is hereby adopted and incorporated in this article as fully as if set out at length in this article, and the provisions thereof shall be controlling within the limits of the City.

Sec. 100.53 Limits in Which the Storage of Class I and Class II Liquids in Above-Ground Tanks Outside of Buildings is Prohibited.

- (A) The limits referred to in section 3404.2.9.6.1. of the Fire Code, in which the storage of Class I and Class II liquids in above-ground tanks outside of buildings are hereby established as areas where such use as determined by the Fire Chief may be restricted in accordance with the city zoning ordinance.
- (B) The Council, by resolution, and upon recommendation of the Fire Chief, may modify the limits of the districts established by the provisions of this section.

Sec. 100.54. Limits in Which the Storage of Class I and Class II Liquids in Above-Ground Tanks is Prohibited.

- (A) The limits referred to in section 3406.2.4.4 of the Fire Code, in which the storage of Class I and Class II liquids in above-ground tanks are hereby established as areas where such use as determined by the Fire Chief may be restricted in accordance with the city zoning ordinance.
- (B) The Council, by resolution, and upon recommendation of the Fire Chief, may modify the limits of the districts established by the provisions of this section.

Sec. 100.55. Limits in Which the Storage of Flammable Cryogenic Fluids in Stationary Containers is Prohibited.

- (A) The limits referred to in section 3506.2 of the Fire Code, geographical limits in which the storage of flammable cryogenic fluids in stationary containers are hereby established as areas where such use as determined by the Fire Chief may be restricted in accordance with the city zoning ordinance.
- (B) The Council, by resolution, and upon recommendation of the Fire Chief, may modify the limits of the districts established by the provisions of this section.

Sec. 100.56. Limits in Which the Storage of Liquefied Petroleum Gas is Restricted for the Protection of Heavily Populated or Congested Areas.

- (A) The limits referred to in section 3804.2 of the Fire Code, in which the storage of liquefied petroleum gas is restricted for the protection of heavily populated or congested areas are hereby

established as areas where such use as determined by the Fire Chief may be restricted in accordance with the city zoning ordinance.

- (B) The Council, by resolution, and upon recommendation of the Fire Chief, may modify the limits of the districts established by the provisions of this section.

Sec. 100.58 Findings

- (A) The Council, following due consideration, hereby finds and determines that all the amendments, deletions, and additions to the foregoing Fire Code are reasonably necessary due to local climatic, geological, and topographical conditions existing throughout the City. The City hereby finds and declares that: The area within which the City is located is within Very High, High, and Moderate Fire Hazard Severity Zones as designated by CAL FIRE Department of Forestry and Fire Protection and is identified as a City at risk in the National Fire Plan resulting in significant risk to fire. Such conditions increase fire danger by significantly contributing to the spread and intensity of fires and significantly increase the difficulty of effective fire suppression within the City endangering lives and/or millions of dollars in property value. These amendments assist in addressing the fire problems, concerns and future direction by which the authority can establish and maintain an environment which will afford a level of fire and life safety to all who live and work within the City's boundaries.
 - (1) Sections 502.1, 503.2, and 503.4 are amended to clearly define regulations and standards to ensure public safety

through means of adequate evacuation for citizens and to limit delays in response time for emergency resources and reduce hazards to firefighters.

- (2) Sections 903.2 and 904.2 are amended due to life safety conditions that clearly define the regulations based upon occupancy/building use and the life safety fire protection and detection systems required to ensure public safety. The modifications contained in these amendments provide additional fire extinguishing systems in new construction, major remodels, additions, and occupancy classification changes to help mitigate fire problems and to confine a fire to the area of origin rather than spread to neighboring structures or the wildland. In addition, the use of fire alarm systems ensures early detection and notification as so fire in occupancies/buildings may be mitigated in a timely manner.

Sec. 100.59 Amendments.

- (A) Fire Code Section 502.1; is amended to read as follows:
Definitions, Added:
 - (1.) EMERGENCY ACCESS. A road that provides access for emergency vehicles during an emergency and egress/evacuation for non-emergency vehicles simultaneously.
- (B) Fire Code Section 503.2.1 is amended to read as follows:
 - (1.) Dimensions. Fire apparatus roads and Emergency Access shall have an unobstructed width of not less than 26 feet,

exclusive of shoulders, and an unobstructed vertical clearance of not less than 15 feet.

(C) Fire Code Section 503.4 is amended to read as follows:

(1.) Obstruction of Emergency Access. Emergency Access shall not be obstructed in any manner, including the parking of vehicles. Minimum widths and clearances shall be maintained at all times.

(D) Fire Code Section 903.2 is amended to read as follows:

(1.) Where required. Approved automatic sprinkler systems shall be installed in all new buildings where the occupancy/building has 3,600 or more square feet of floor area, except where other sections of the Fire Code or the California State Fire Marshals regulations are more restrictive, then the more restrictive shall apply. Where additions increase the total size of the occupancy/building to 3,600 square feet or more, the addition and existing occupancy/building shall be provided/retrofitted with an approved automatic sprinkler system.

EXCEPTIONS:

1. Group U occupancy.
2. Group R Division 3 occupancies shall comply with applicable Building Code requirements.

(E) Fire Code Section 907.2 is amended to read as follows:

(1.) Where required. All occupancies except Group R, Division 3 and Group U occupancies shall have an approved automatic fire alarm system installed when the occupancy/building does not have an approved automatic

sprinkler system installed and is greater than 1,500 square feet of total floor area except where other sections of the Fire Code or the California State Fire Marshals regulations are more restrictive, then the more restrictive shall apply. Where additions increase the total size of the occupancy/building to 1,500 square feet or more, and or the occupancy use is changed, the addition and the existing occupancy/building shall be provided with an approved automatic fire alarm system.

(2.) All A, E, H, I, and M occupancies shall have an automatic fire alarm system installed in addition to any other system(s) required by the Fire Code, when required by the authority having jurisdiction except where other sections of the Fire Code or the California State Fire Marshals regulations are more restrictive, then the more restrictive shall apply.

(3.) Fire alarm system shall mean, but not limited to; smoke detection, heat detection, and manual pull devices.

(F) Fire Code Appendix D, only the following sections are adopted:

(1.) Section D103.6 and Section D105

**CITY OF AUBURN
FIRE DEPARTMENT**

Plan Review and Fee Collection

The following is a guideline for the process of plan review, approval, and fee collection for the Fire Department.

The Fire Department, through Ordinance, has a number of fees for plan review, permits, and services. These fees will be collected upon completion of review and at time of approval. All fees are to be paid in full prior to any issuance of final acceptance and or occupancy.

Procedure:

- A. For projects that are submitted through the Community Development Department, Public Works, or Building Department;
 - 1. Community Development, Public Works, or Building will submit to the Fire Department any applicable project for review and or comment.
 - 2. Fire will submit back to appropriate department with conditions, comment, and or approval. Fire will condition the project final approval upon payment of all applicable fees.
 - 3. Upon final review and or approval, Fire will attach a completed FIRE DEPARTMENT INSPECTION AND PERMIT RECEIPT form (Yellow). This will be forwarded to the appropriate department overseeing the project.
 - 4. The originating department will forward the FIRE DEPARTMENT INSPECTION AND PERMIT RECEIPT form (Yellow) to the project developer/coordinator (customer) who will pay appropriate fire fees to the Finance department.

- B. For projects that are submitted directly to Fire Department;
(Fire protection and related type systems requiring fire approval only)
 - 1. Three (3) copies of such plans, diagrams, and calculations are required for Fire Department review.
 - 2. Fire will review and attach conditions, comment, and or approval. Fire will condition the project final approval upon payment of all fees required.
 - 3. Upon final review and or approval Fire will attach a completed FIRE DEPARTMENT INSPECTION AND PERMIT RECEIPT form (Yellow). Fire may forward such documents to the Building Department counter for customer pick-up.
 - 4. Customers will pick-up approved project(s) at Fire or Building Department counter and proceed to Finance to pay all fees.

**FIRE DEPARTMENT FEE SCHEDULE
FIRE PREVENTION RELATED SERVICES**

TYPE OF SERVICE	DESCRIPTION	FEE
Fire Suppression Systems		
UL 300 Hood System	Plan Check, Inspection, Testing	\$170.00
Sprinkler System Initial 1-99 Heads	Plan Check, Inspection; visual, hydro, flow, final test	\$170.00
Sprinkler System Initial 100-299 Heads	Plan Check, Inspection; visual, hydro, flow, final test	\$255.00
Sprinkler System Initial 300+ Heads	Plan Check, Inspection; visual, hydro, flow, final test	\$340.00
Sprinkler System Tenant Improvement 1-49 Heads	Plan Check, Inspection; visual, final	\$85.00
Sprinkler System Tenant Improvement 50+ Heads	Plan Check, Inspection; visual, final	\$170.00
Spray Booth	Plan Check, Inspection; visual, final test	\$170.00
Specialized Fire System	Plan Check, Inspection, Testing (Minimum fee, additional time charged at the inspection rate)	\$170.00
Fire Alarm Systems		
Alarm System 1-9 Devices	Plan Check, Inspection, Testing	\$170.00
Alarm System 10-29 Devices	Plan Check, Inspection, Testing	\$212.50
Alarm System 30+ Devices	Plan Check, Inspection, Testing	\$255.00

Inspections include an initial field inspection and one (1) re-inspection. Repeated failed tests or additional inspections required will be charged at the standard inspection rate for actual on inspection.

**FIRE DEPARTMENT FEE SCHEDULE
FIRE PREVENTION RELATED SERVICES**

TYPE OF SERVICE	DESCRIPTION	FEE
Building and Development		
Subdivisions, 0-50 Units	Plan review (civil), develop conditions	\$85.00
Subdivisions, 51+	Plan review (civil), develop conditions	\$170.00
Fire Plan For Development	Develop-Subdivision	\$255.00
	With Open Space	\$340.00
Hydrant Flow Test	Flow, record, hydrant test; each hydrant	\$85.00
Private Fire Service Main- (sprinkler feed only)	Plan Check, Inspection; visual, hydro, flow, final test	\$170.00
Private Fire Service Main- (fire hydrants)	Plan Check, Inspection; visual, hydro, flow, final test	\$170.00
Permits and Licensing		
Permits as Required by the Fire Code	Review, inspection, and issuance	\$85.00
Community Care Licensing (Initial application)	Review, pre-inspection, inspection, 850 Form submittal.	\$170.00
(Occupancy Change)	Change of Use, Inspection, 850 Form submittal	\$85.00
General/Miscellaneous		
Standard Inspection Rate	Per hour	\$85.00
Reports and Documentation	Fire Reports, Inspection Reports, Code Excerpts	As per City Fee Schedule (Administrative Services)
Weed/Vegetation Abatement Processing Fee	Administrative Fees for processing abated properties; fee(s) added to actual charges incurred:	
	Abatement-Submittal to Tax Assessor for placement on Tax Role	\$212.50
		\$127.50
Outsourced Plan Review	Outsourced Plan Review to third party.	Actual Costs Incurred

Inspections include an initial field inspection and one (1) re-inspection. Repeated failed tests or additional inspections required will be charged at the standard inspection rate for actual on inspection.

**FIRE DEPARTMENT FEE SCHEDULE
FIRE DEPARTMENT SERVICE FEE SCHEDULE**

SERVICE	RATE*	
Type 1, Type 2, Type 3 Fire Engine, and Water Tender	<u>GPM</u>	<u>HOURLY</u>
	0001-1000	\$75.00
	1001-1250	\$90.00
	1251-1500	\$95.00
	1501-2000+	\$105.00
Rescue Fire Apparatus (Light)		\$80.00
Fire Department Pickup Truck		\$56.00
Fire Department Sedan		\$45.00
Fire Department Van		\$64.00
Fire Department SUV		\$80.00
Non-City Equipment or Vehicle		Actual Costs Incurred
Full Time Fire Department Personnel		Current Labor Rates**
Volunteer Fire Department Personnel		Current Labor Rates**

* One hour minimum; 15 minute increments thereafter

** Current Labor Rates:

Full-time and part-time Fire Department Personnel: Actual weighted rate for the personnel performing services

Volunteer Personnel: Current Cal EMA rates on file

Independent Contractor: Actual Cost Incurred

AUBURN FIRE DEPARTMENT PLAN REVIEW CHECKLIST

Commercial Development
& Multi-Family Residential

In an effort to expedite the Fire Department Plan Review process for your project a check list has been developed to ensure that pertinent information is identified on your plans. The items listed are standard conditions for the type of project as submitted. This list is for your use.

<u>Plans Required for Review</u>	<u>Plans Required for Review</u>
<input type="checkbox"/> Overall site plan indicating: roads & access, water mains & size, fire hydrant(s), fire sprinkler lines, building location(s), grade dimensions,	<input type="checkbox"/> Building plans indicating: size of building(s), occupancy type, construction type, ingress & egress locations, special hazards,
<input type="checkbox"/> Vegetation management plans or landscaping plans	<input type="checkbox"/> Other relevant plans pertaining to project

<u>General Site Plan Information</u>	<u>Building and Related Information</u>
<input type="checkbox"/> Fire access & roads, indicate width	<input type="checkbox"/> Project address
<input type="checkbox"/> Fire access & roads, indicate length	<input type="checkbox"/> Occupancy type (as based on the CBC)
<input type="checkbox"/> Fire access & roads, if over 150' indicate turnaround with dimensions	<input type="checkbox"/> Total square footage of all buildings
<input type="checkbox"/> Fire access & roads, indicate grade	<input type="checkbox"/> Setbacks from property lines
<input type="checkbox"/> Fire access & roads, indicate vertical clearance	<input type="checkbox"/> Indicate where address is posted on building
<input type="checkbox"/> Fire access & roads, indicate surface	<input type="checkbox"/> Location of Knox Box as applicable
<input type="checkbox"/> Fire access & roads, indicate RED CURB & "NO PARKING" signs	<input type="checkbox"/> Location of fire extinguishers in all buildings
<input type="checkbox"/> Indicate existing water mains & size	<input type="checkbox"/> Base of Riser and sprinkler control valves within all buildings
<input type="checkbox"/> Indicate new water mains & size	<input type="checkbox"/> Location of dumpster/trash storage areas
<input type="checkbox"/> Indicate fire hydrant location(s)	<input type="checkbox"/> Storage of flammable liquids or other such hazards
<input type="checkbox"/> Indicate location of Fire Department Connection (for sprinkler system)	<input type="checkbox"/> Roof materials and rating
<input type="checkbox"/> Indicate location of Sprinkler System Valves (PIV, Back Flow Valves, etc.)	<input type="checkbox"/> Exterior siding/outer wall materials

FIRE DEPARTMENT CONDITIONS (Commercial and Multi-Residential)

Specific conditions for this project:

Plan Submittal and Permit

1. Plans shall be submitted to the fire department for approval prior to any work on the project.
2. All applicable fire department fees and permits are to be paid in full as a condition of approval.

Access to Structures

3. Access roadways shall extend to within 150 feet of all portions of the exterior walls of the first story of the structure.
4. Fire access roads shall be designed to provide an all weather driving surface. The access road shall be constructed to the following requirements subject to the approval of the Public Works Department:
 - a. Grades shall not exceed 15% except upon review and approval by the Fire and Public Works Departments.
 - b. Fire access roads shall be a minimum of 26 feet with no parking. Signage shall be provided as applicable which may include posted signs and or red curbing.
 - c. At least 15 ft. of vertical nominal clearance shall be provided over the full width of the roads, driveways, and other means of vehicular access.
 - d. A fire access that exceeds 150 feet shall provide a turnaround for fire apparatus. The turnaround shall be designed and located to the satisfaction of the Fire Department and shall be in service during construction.

Parking/Fire Lanes

5. No parking is permitted on roadways used for emergency access when the road is 26' wide or less.
6. "No Parking" signs or other designation indicating that parking is prohibited shall be provided at all fire lanes and roads used for fire access.
7. All improvements, including paving and maintenance of restricted access ways, shall be performed to the satisfaction of the Fire Department and the Director of Public Works. Access shall be continuously maintained during the building construction period and required fire lanes shall be maintained in an unobstructed manner and subject to inspection by the Fire Department.

Signs and Premises Identification:

8. Premise identification for new buildings shall have approved address numbers placed in a position to be plainly legible and visible from the street or road fronting the property. Commercial and Multi-residential buildings are to have 12" address

numbers posted on the frontage side of the building and will require the numbers to contrast with their background.

9. Address numbers shall be Arabic numerals.

Fire Department Rapid Entry System:

10. Structures required to have a fire alarm system, standpipe or sprinkler systems shall provide a public safety keybox system for fire department use. The keybox shall contain keys for emergency access, alarm box, fire alarm room, electric rooms, and any other key necessary for emergency entry.
11. To obtain local fire department authorization to purchase a "Key Box" the property owner or his/her authorized representative shall request the necessary order form from the fire department.
The property owner shall install the keybox at a pre-approved location on the premises.

Fire Extinguishers:

12. Fire extinguishers shall be provided for the protection of the building structure and the occupancy hazards within. Fire extinguishers shall be provided in accordance with the applicable fire code.

Water Supply:

13. An approved water supply capable of supplying the required fire flow shall be provided to all buildings or portions of buildings hereafter constructed and become occupied.
14. Fire hydrants shall be provided to deliver the water supply in accordance with the applicable fire code.
15. Water flow information shall be verified through Placer County Water Agency. Water supply mains for fire protection systems shall be installed in accordance with the requirements of the Placer County Water Agency.

Fire Flow Requirements:

16. Minimum fire flow requirements shall be in accordance with the Fire Code.

Fire Hydrant:

17. Fire Hydrants shall comply with the following standards:
 - a. Hydrant spacing shall be in accordance with the Fire Code.
 - b. When access, fire lanes, or cul-de-sac depth exceed 450 feet (450'), hydrants shall be required mid-depth.
 - c. Hydrants shall be clearly identified with a blue reflective marker located 6 to 8 inches (6" to 8") from center of street or road way toward hydrant.
 - d. Curbing in front of hydrants shall be painted red 7 feet 6 inches (7'-6") on each side of hydrant.
 - e. Hydrant standards and installation shall be as required by Placer County Water Agency (PCWA).

Fire Sprinkler System:

18. Automatic fire extinguishing systems shall be required when any commercial or multi-residential structure exceeds 3600 square feet of total floor area. Approved automatic sprinkler systems shall be as set forth in NFPA 13, NFPA 13D, NFPA 13R, or other NFPA Publications as applicable.

Fire Department Connection (FDC) - (Fire sprinkler system)

19. Fire Department Connection (FDC) shall be on the street side of buildings and shall be located and arranged so that hose lines can be readily and conveniently attached to the inlets without interference from any nearby objects, including buildings, fences, post or other Fire Department Connections.
20. Hose connections shall be equipped with standard caps, properly secured and arranged for easy removal. Fire Department Connection shall be no more than 40 feet (40') from a fire hydrant. Additional fire hydrants may be required depending on the location of the fire department connection for the building.

Fire Alarm System:

21. Every automatic fire sprinkler system shall be equipped with an alarm system. The system shall consist of a water flow switch, valve tampering switch(s), audible warning device(s) and supervised by a central fire alarm station. Based on occupancy, additional alarm devices/systems may be required to provide audible and visual warning, manual activations, and smoke and heat detection.
22. An occupancy exceeding 1500 square feet and not protected by an automatic fire sprinkler system shall have an alarm system installed. This may include: smoke/heat detection, manual pull stations, audible warning device(s), and must be supervised by a central fire alarm station.

Fire Protection During Construction

23. Fire department vehicular access to all structures under construction shall be provided at all times. In areas where ground surfaces are soft or likely to become soft, hard all-weather surface access roads shall be provided.
24. The fire protection water supply system, including fire hydrants, shall be installed and in service prior to placing combustible building materials for structures or combustible pre-tested fabricated building assemblies on the project site or utilizing them in the construction of building structures. If phased construction is planned, coordinated installation of the fire protection water system is permitted. Trash and debris shall be removed from the construction site as often as necessary to maintain a fire safe construction site.
25. Flammable or combustible liquids shall be stored, handled, or used on the construction site in accordance with the applicable provisions of the fire code.
26. At least one portable fire extinguisher having a rating of at least 4-A, 30-BC shall be within a travel distance of 75 ft. or less to any point of a structure under construction. Personnel normally on the construction site shall be instructed in the use of the fire extinguishers provided.

27. Buildings and structures constructed in Fire Hazard Severity Zones shall, in addition to the requirements of the California Building Code, be required to meet additional requirements as set forth by the Fire Department.

Vegetation management plan:

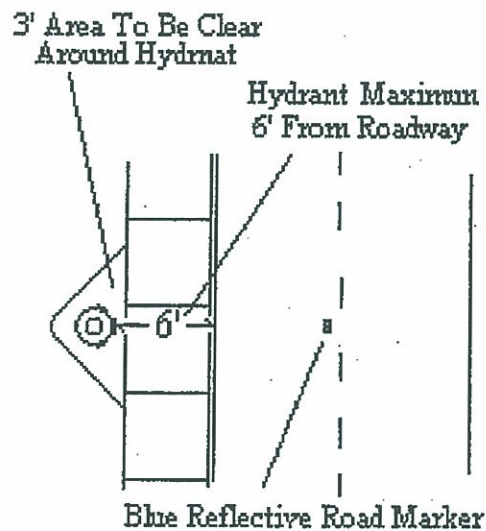
28. A fuel modification plan shall show conceptually the areas of fuel modification necessary to achieve an acceptable level of risk regarding exposure of structures to combustible vegetation. The plan shall be approved by the Fire Department based on criteria as set forth in fuel modification guidelines for fire hazard severity zones.

Vegetation Management Plan

A Vegetation Management Plan is the assessment, implementation, and maintenance used to mitigate the hazards of potential wildfire for a specific project or geographical area. A Vegetation Management Plan is to address specific courses of action, responsible parties, resources and priorities. Components of a Vegetation Management Plan may include, but not limited to: modification of fuels, removal of fuels, fire safe landscaping, defensible space, shaded fuel breaks, fire breaks, and other such means to mitigate the hazards of wildfire. Components contain specific prescriptions to be used in the Vegetation Management Plan with the intent of reduction of wildfire hazard.



Fire Hydrant, Typical

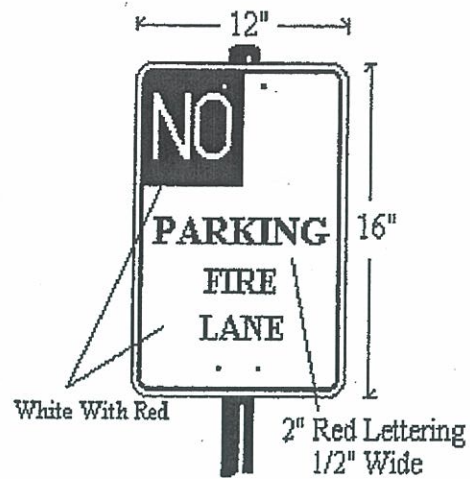


Fire Hydrant Placement & Location

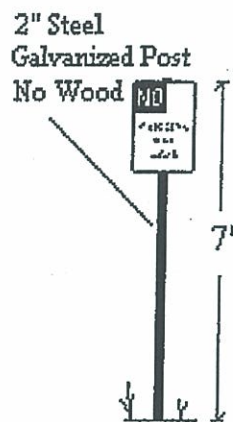
Fire Hydrant, Placement, Location & Marking

Fire Code & Fire Safe Standards

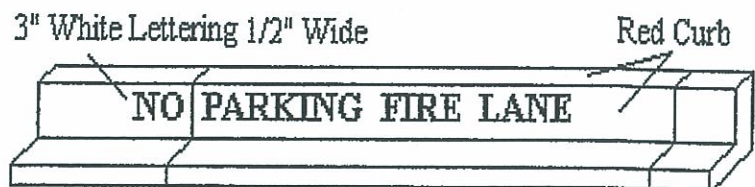
**AUBURN FIRE
DEPARTMENT**



"No Parking Sign"



Posted Sign

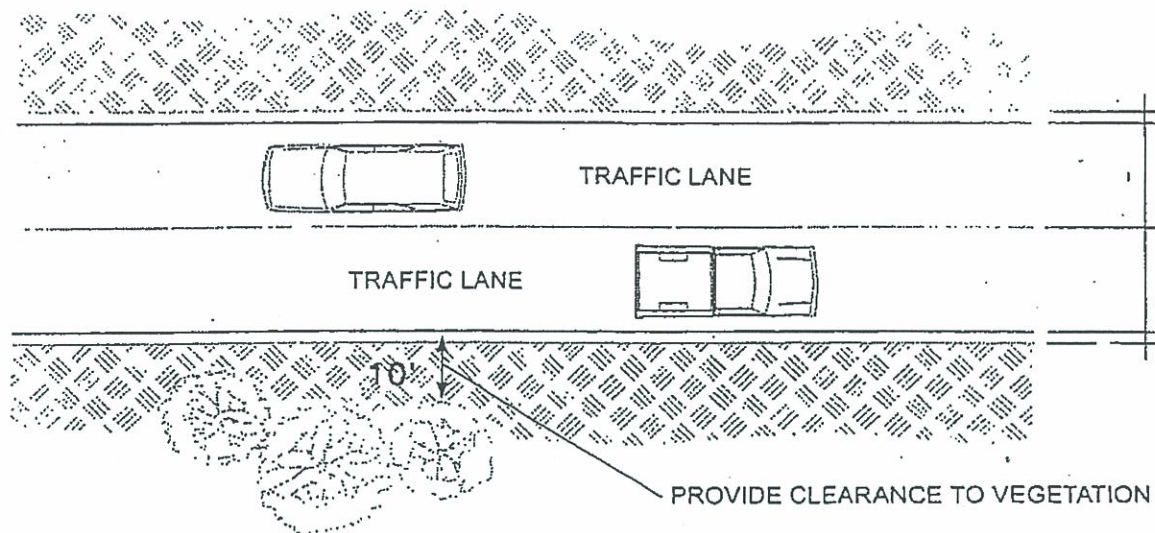


Red Curbing

"NO PARKING" Sign & Red Curbing

Fire Code & Fire Safe Standards

**AUBURN FIRE
DEPARTMENT**

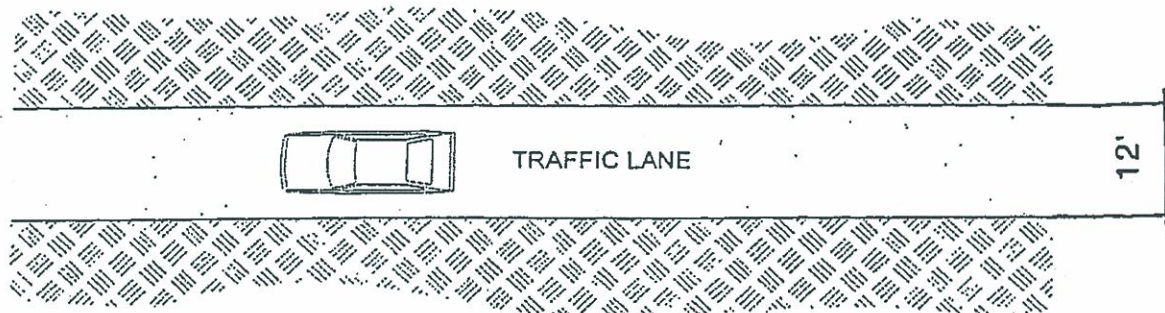


ROAD & PRIVATE LANES

(With "No Parking")

MINIMUM OF 2 LANES

26' MINIMUM WIDTH



DRIVEWAY

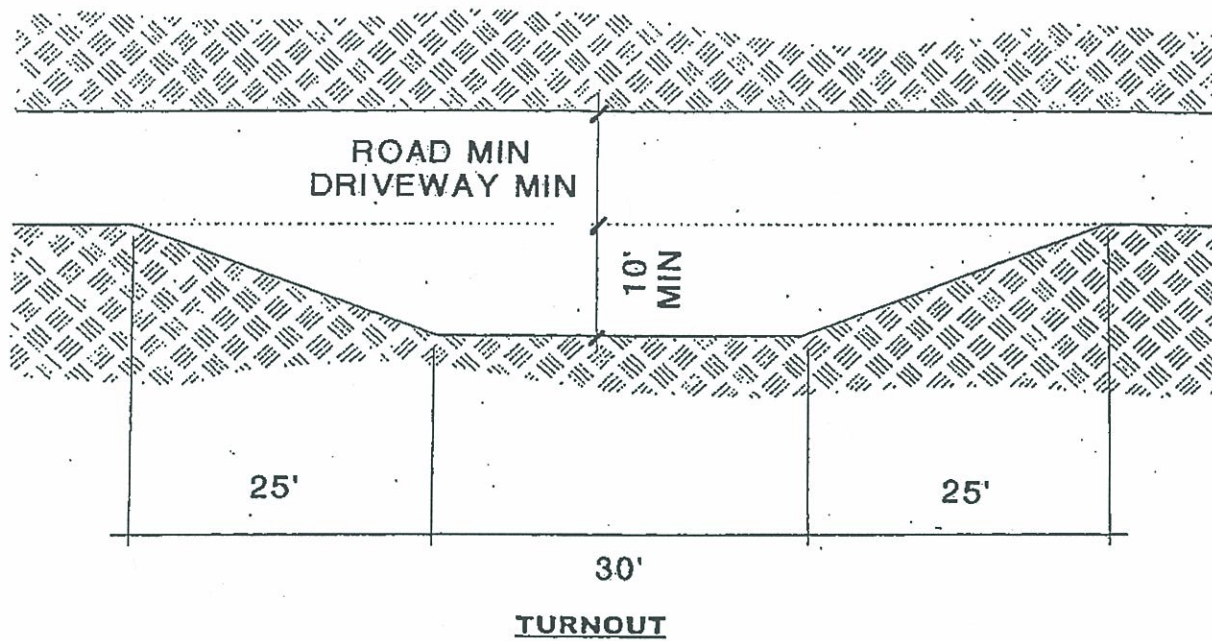
(With "No Parking")

MINIMUM 12' TRAFFIC LANE

Road, Private Lane, Driveway

**AUBURN FIRE
DEPARTMENT**

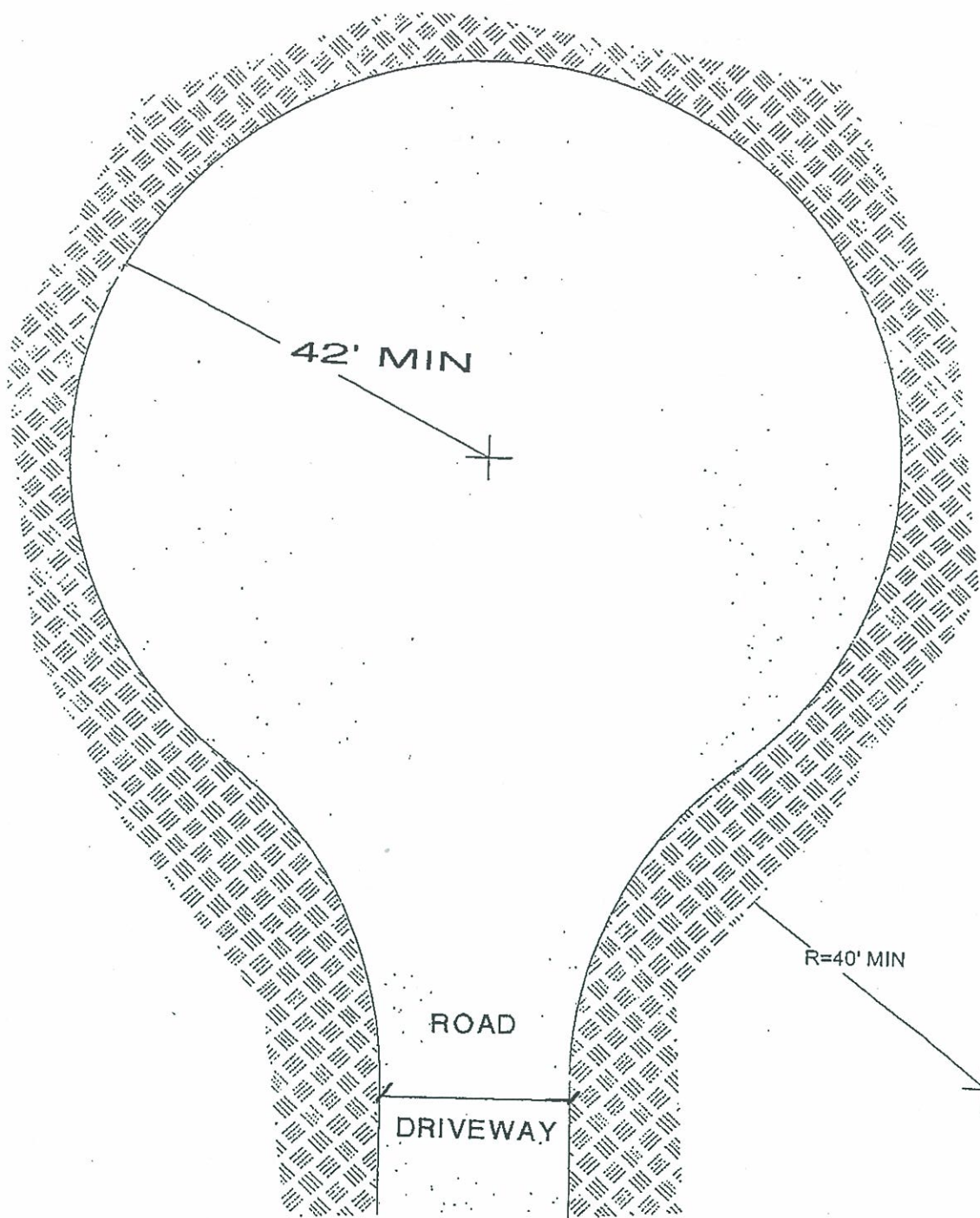
Fire Code & Fire Safe Standards



Turnout, One-Way Road & Driveway

Fire Code & Fire Safe Standards

**AUBURN FIRE
DEPARTMENT**

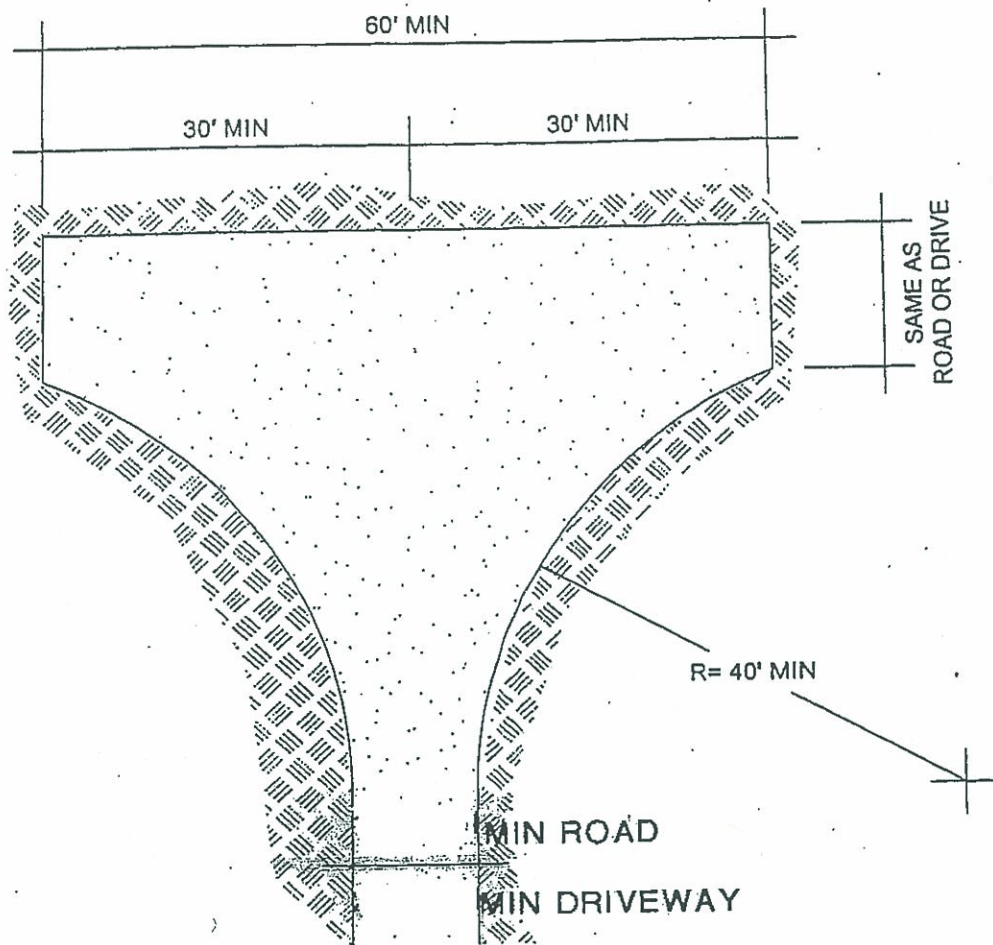


**Turnaround, Cul-De-Sac
With "No Parking"**

Turnaround, Road & Driveway

Fire Code & Fire Safe Standards

**AUBURN FIRE
DEPARTMENT**

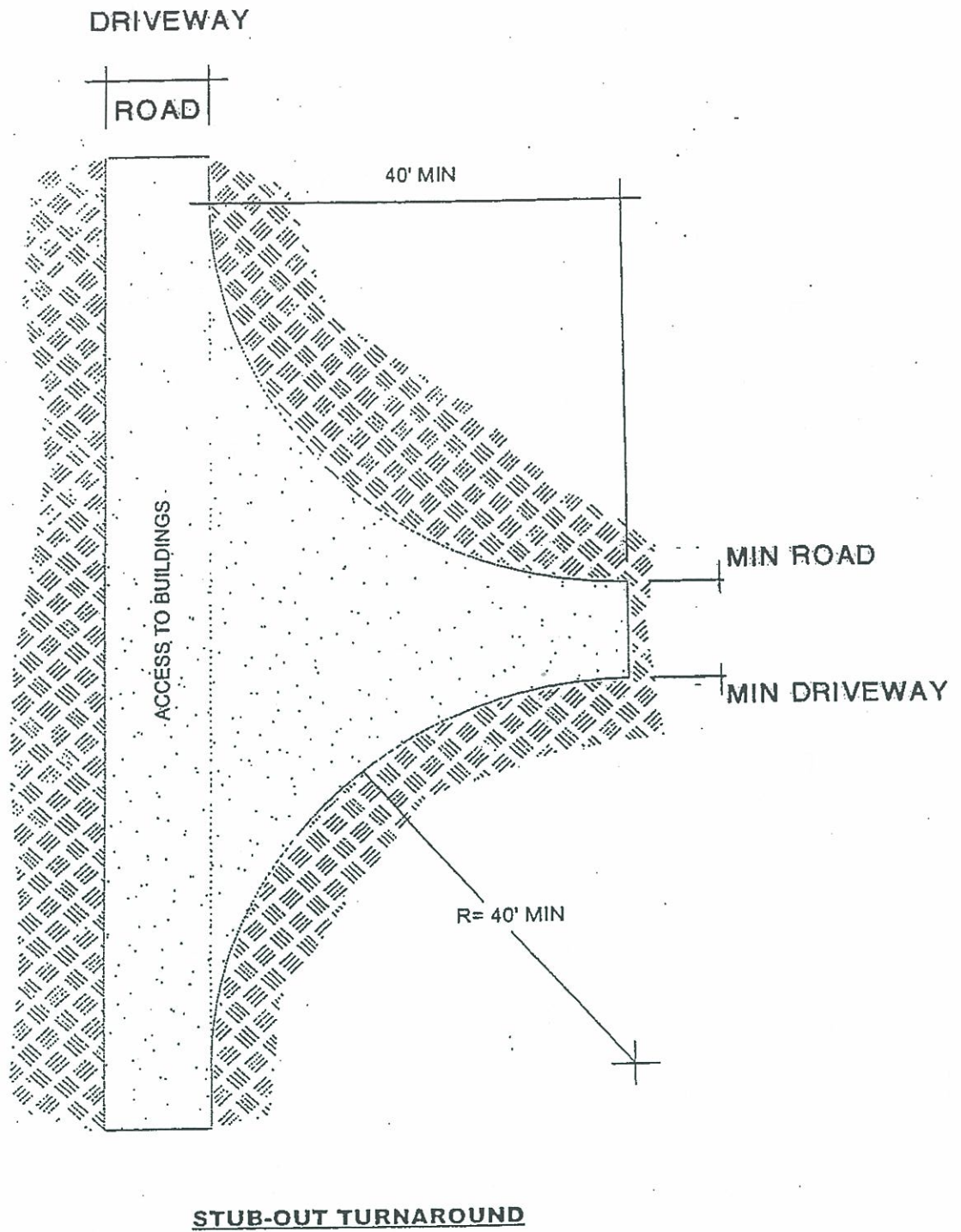


HAMMERHEAD TURNAROUND

Turnaround, Hammerhead, Road & Driveway

Fire Code & Fire Safe Standards

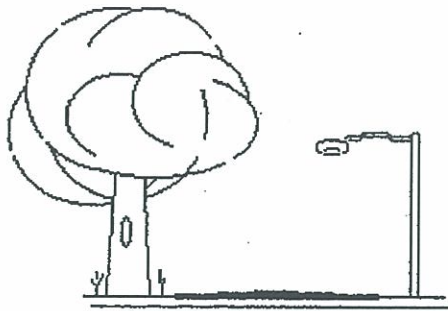
**AUBURN FIRE
DEPARTMENT**



Turnaround, Stub-Out, Road & Driveway

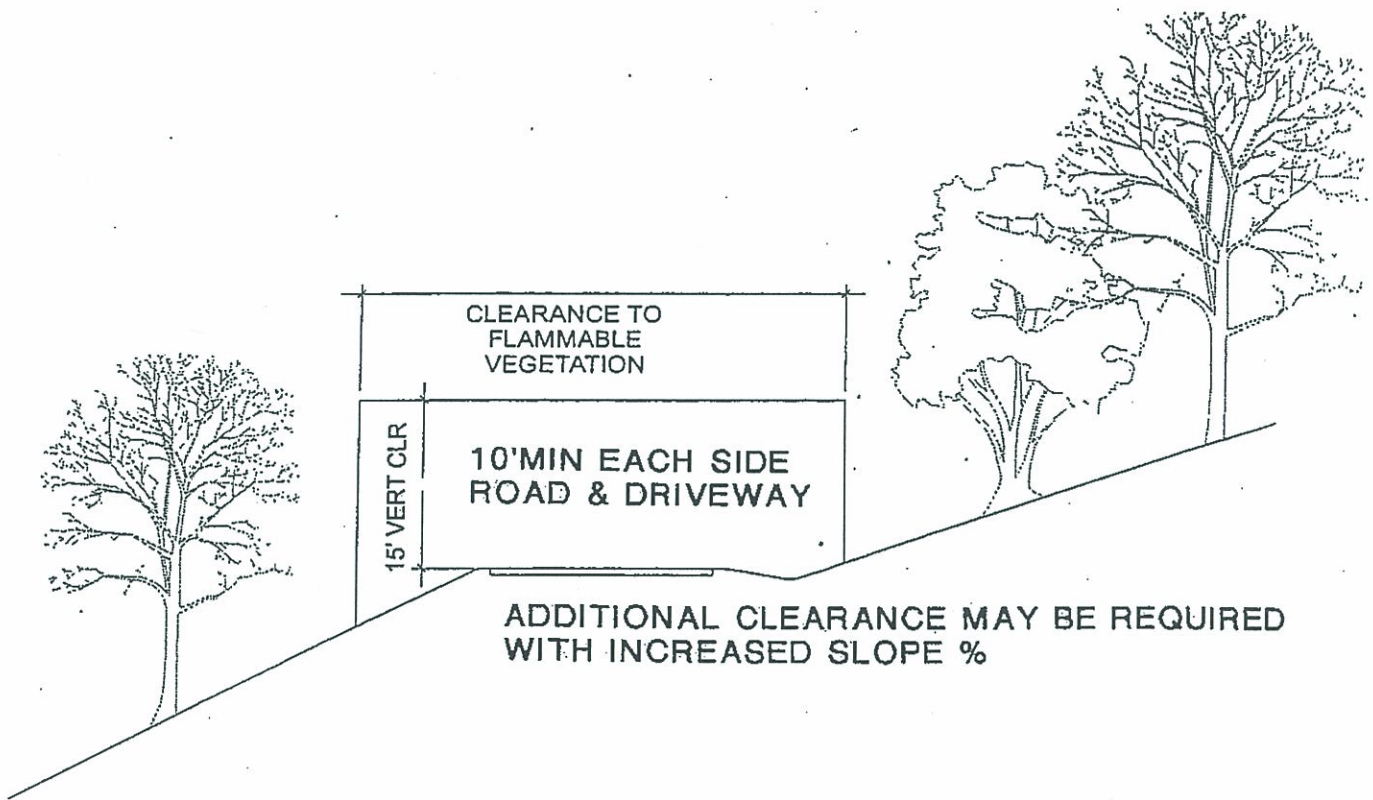
**AUBURN FIRE
DEPARTMENT**

Fire Code & Fire Safe Standards



Vertical Clearance

Minimum 15'



CLEARANCE TO
FLAMMABLE
VEGETATION

15' VERT CLR

10'MIN EACH SIDE
ROAD & DRIVEWAY

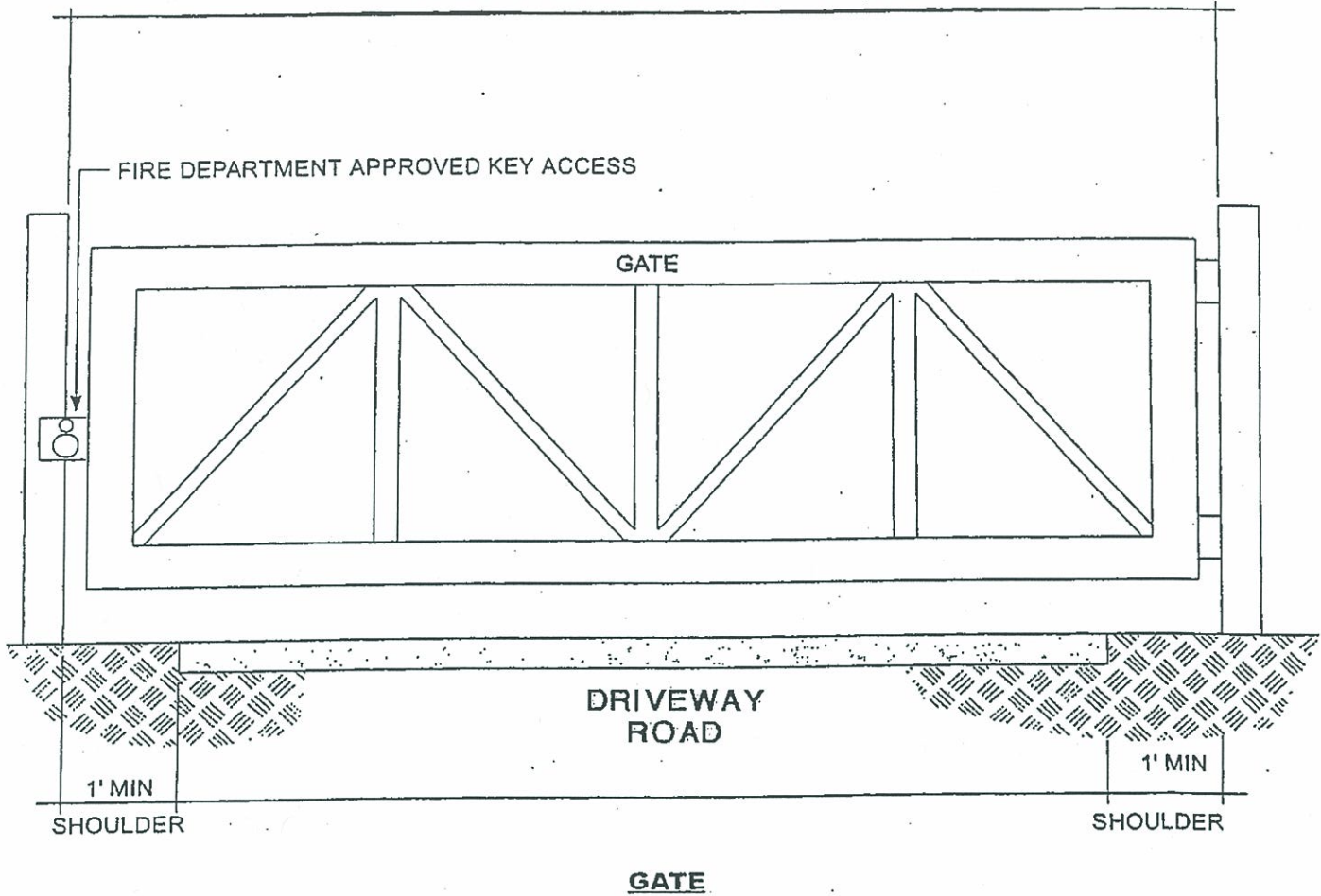
ADDITIONAL CLEARANCE MAY BE REQUIRED
WITH INCREASED SLOPE %

Road & Driveway, Clearance

Fire Code & Fire Safe Standards

**AUBURN FIRE
DEPARTMENT**

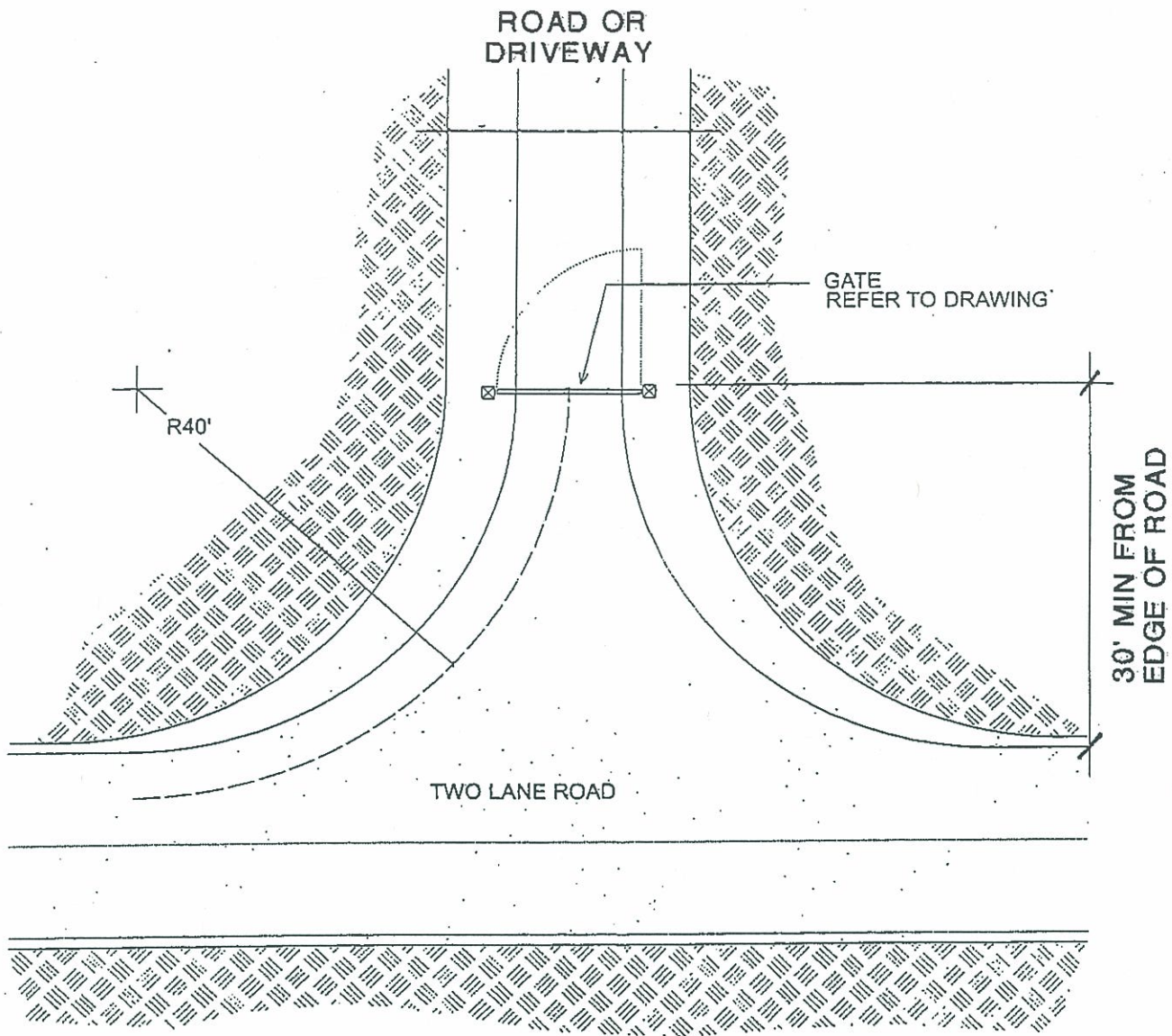
TOTAL TO BE WIDTH
PLUS 1' SHOULDER EACH SIDE



Gate For Road, Private Lane, & Driveway

**AUBURN FIRE
DEPARTMENT**

Fire Code & Fire Safe Standards



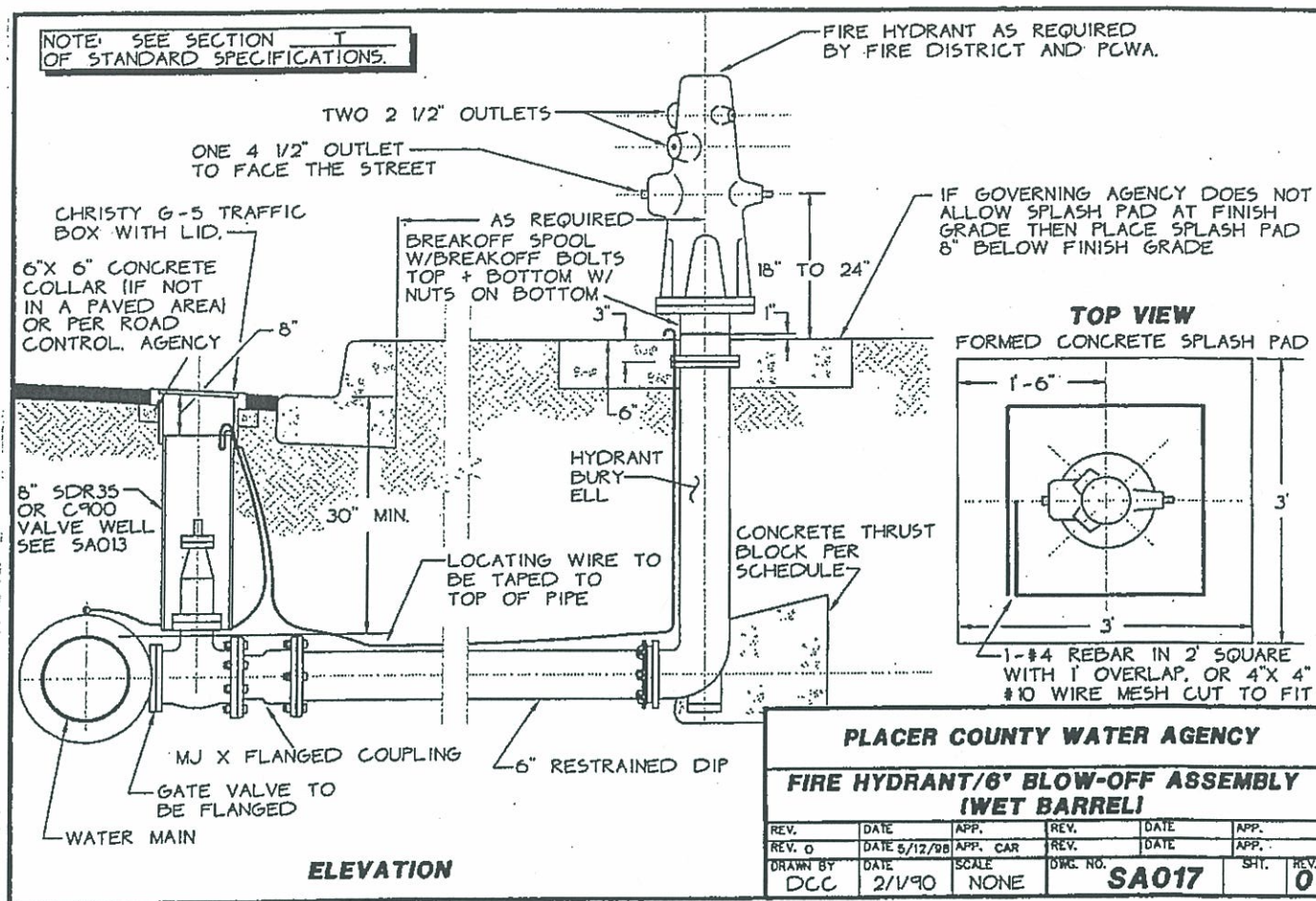
GATED ENTRANCES

- GATE ENTRANCE 2 FEET WIDER THAN WIDTH OF TRAFFIC LANE
- 30 FEET FROM THE ROADWAY, OPEN TO ALLOW A VEHICLE TO STOP WITHOUT OBSTRUCTING TRAFFIC
- CENTER LINE OF LANE TURNING RADIUS TO BE NOT LESS THAN 40'
- PROVIDE FIRE DEPARTMENT APPROVED KEY ACCESS

Gate Entrances

**AUBURN FIRE
DEPARTMENT**

Fire Code & Fire Safe Standards



Fire Hydrant Assembly (Wet Barrel)

Placer County Water Agency

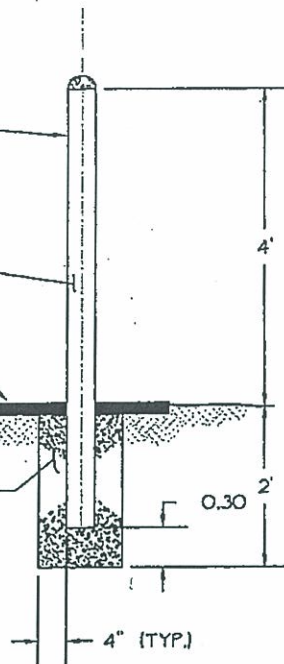
AUBURN FIRE
DEPARTMENT

4" STD. WT. STEEL
PIPE FILLED WITH
CONCRETE

COLOR OF FINISH COAT
SHALL BE OSHA SAFETY
YELLOW

PAVING
OR EARTH

CLASS "A" CONCRETE



PLACER COUNTY WATER AGENCY

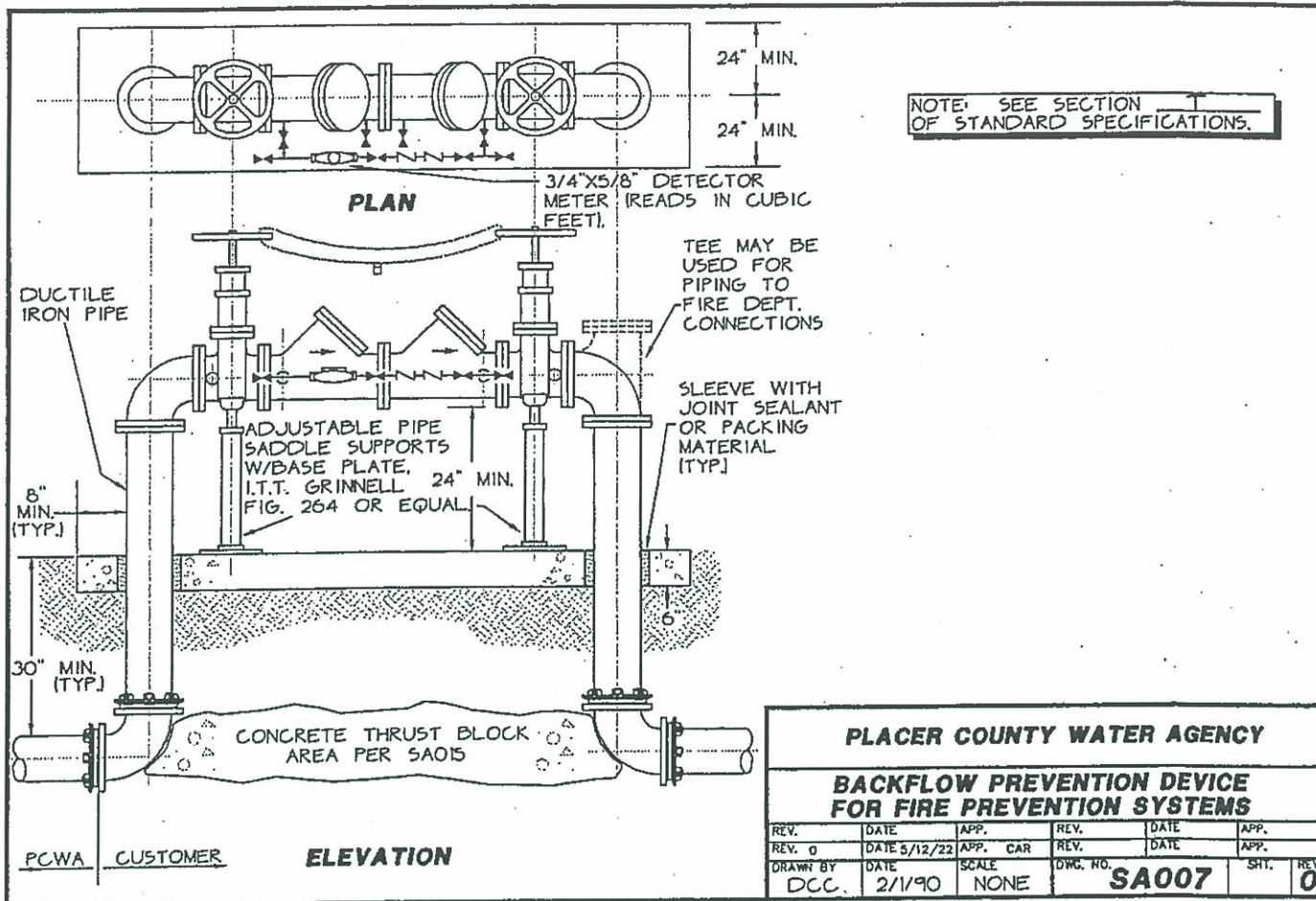
GUARD POST DETAIL

REV.	DATE	APP.	REV.	DATE	APP.
REV. 0	DATE 5/12/98	APP. CAR	REV.	DATE	APP.
DRAWN BY DCC	DATE 11/3/93	SCALE NONE	DWG. NO. SA047	SHT. 0	REV. 0

Guard Post-Ballard

Placer County Water Agency

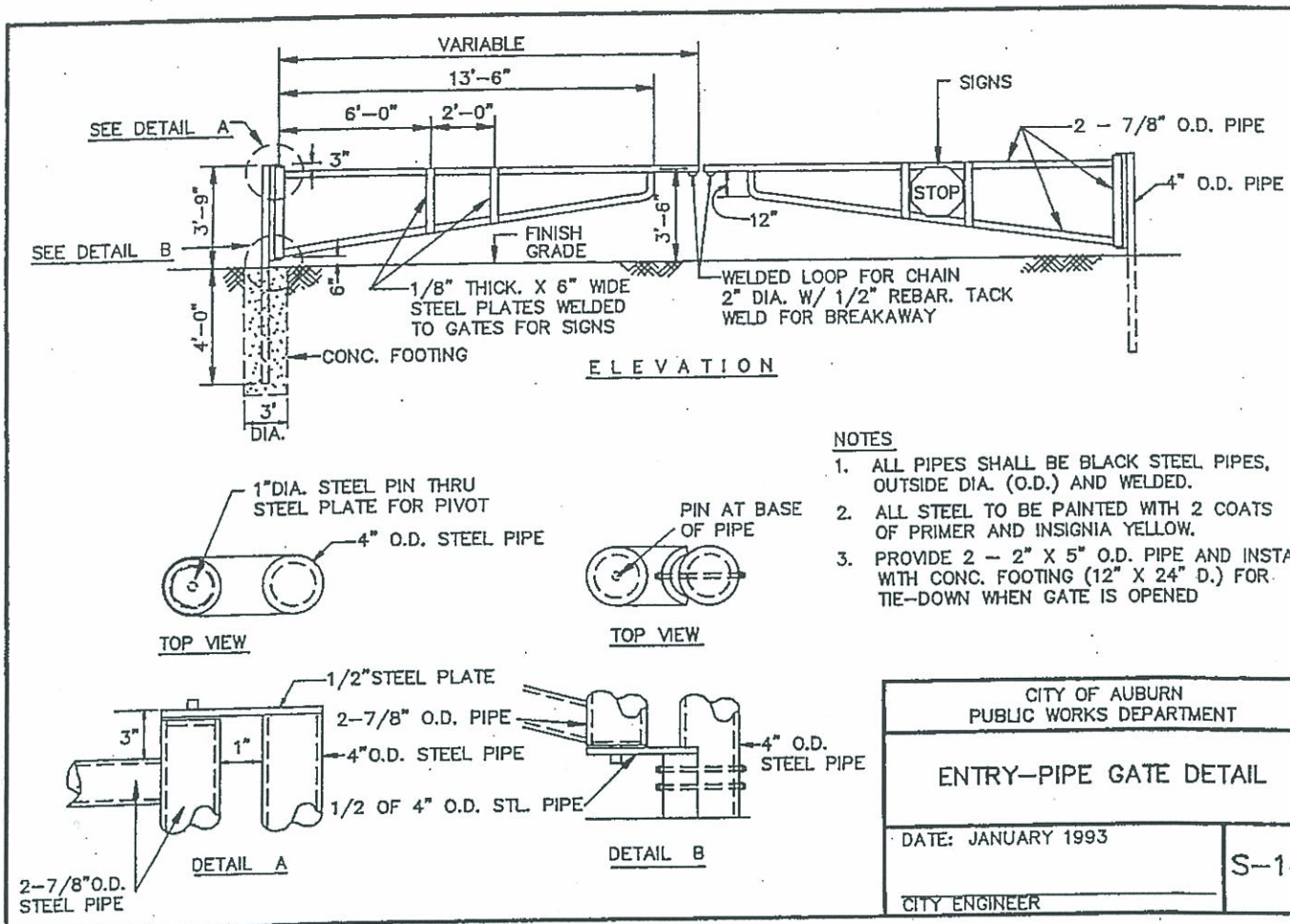
**AUBURN FIRE
DEPARTMENT**



Backflow Prevention Device For Fire Protection Systems

Placer County Water Agency

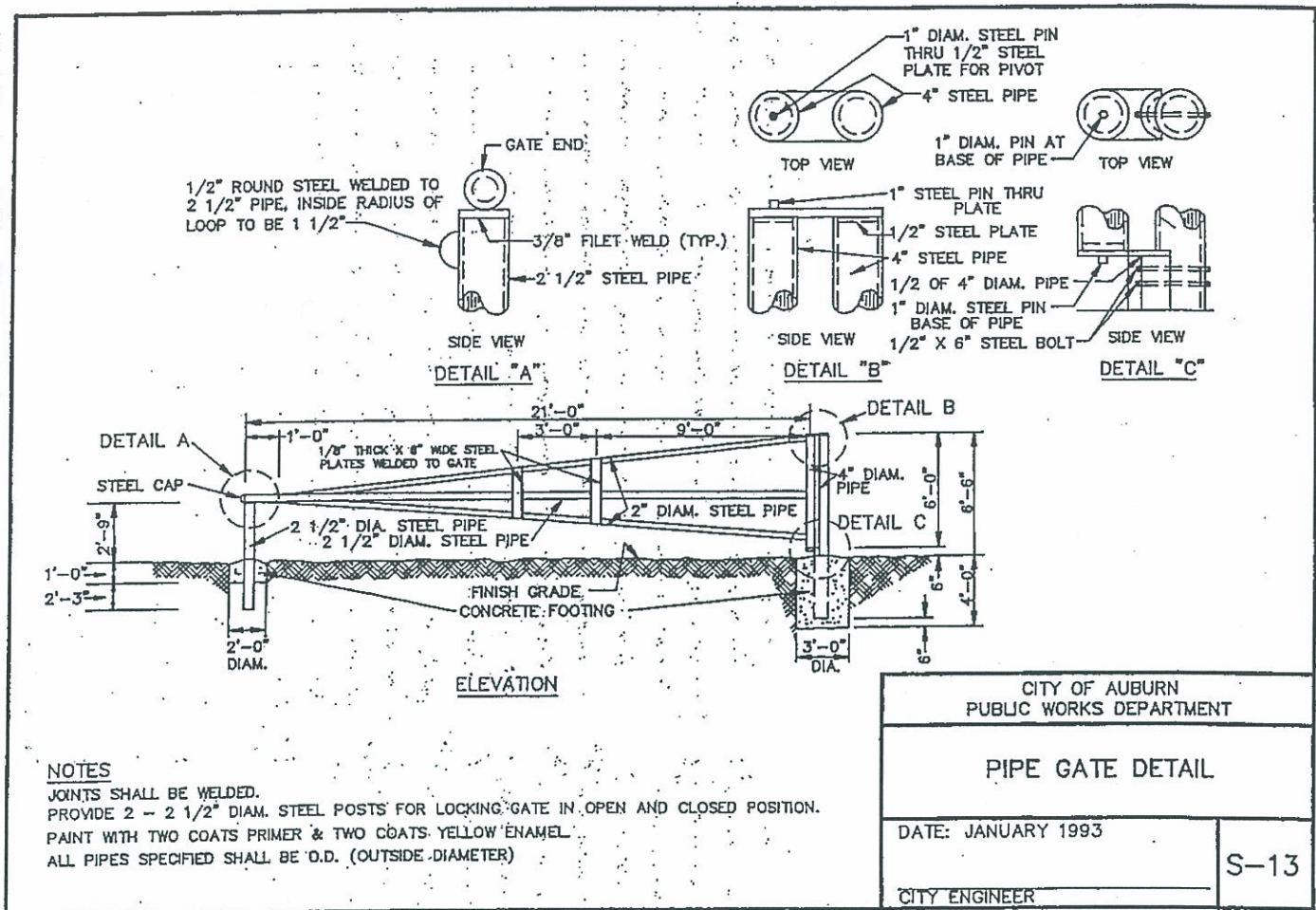
**AUBURN FIRE
DEPARTMENT**



Entry-Pipe Gate, Two Lane

City of Auburn Public Works

**AUBURN FIRE
DEPARTMENT**



Entry-Pipe Gate, Single Lane/Access

**AUBURN FIRE
DEPARTMENT**

City of Auburn Public Works